Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1. (Currently Amended) A pressure-medium operated spring-pressure brake comprising a brake housing which has an outside body and into which are integrated a disk-brake arrangement, an axially movable brake-piston arrangement and a pressure-spring system acting onto the brake-piston arrangement,

wherein the outside body ~~is designed as~~comprises a one-piece hollow body ~~and~~that extends over ~~the~~an entire axial length~~,~~ with reference to a brake axis of rotation of the spring-pressure brake, and

wherein the outside body has at each opposite, open end area on the inside thereof an annular groove for reception of an axial retaining ring, between which are arranged the disk-brake arrangement, the brake-piston arrangement, and the pressure-spring system.

2. (Cancelled)

3. (Currently Amended) The spring-pressure brake according to Claim 1, wherein the outside body ~~has~~includes radially outwardly projecting flange sections at both axial end areas, ~~which~~said flange sections ~~have~~having fastener ~~receiving means~~receivers for connection to ~~fastening means~~fasteners of adjoining component parts.

4. (Previously presented) The spring-pressure brake according to Claim 1, wherein the outside body is provided with at least one pressure-medium connection for facilitating pressurization of the brake-piston arrangement.

5. (Currently Amended) The spring-pressure brake according to Claim 1, wherein the outside body ~~is designed as~~comprises a metal casting.

6. (New) A pressure-medium operated spring-pressure brake comprising:

a brake shaft including a brake hub, said brake shaft having a length and rotatable about a central brake shaft axis thereof;

a one-piece fixed hollow brake housing having open ends and defining an essentially cylindrical inner chamber, said brake housing including first and second annular grooves adjacent the open ends of the inner chamber, and a radially outwardly oriented opening for receiving a fluid, said one-piece hollow brake housing receiving said brake shaft and having a central axis corresponding to the brake shaft axis, said one-piece hollow brake housing receiving said brake hub therein;

a disc brake arrangement including a disc package, said disc brake arrangement located within said one-piece hollow brake housing, said disc package including axially movable discs;

an axially movable brake-piston arrangement located within said one-piece hollow brake housing and including a piston chamber adjacent the radially oriented opening;

a pressure-spring system located within said one-piece hollow brake housing for acting on the brake-piston arrangement;

a roller-bearing arrangement located within said one-piece hollow brake housing for enabling said brake shaft to rotate relative to said fixed one-piece hollow brake housing;

a first axial retaining ring inserted in the first annular groove for retaining said disc brake arrangement, said movable brake-piston arrangement and said roller-bearing arrangement within said one-piece hollow brake housing; and

a second axial retaining ring inserted in the second annular groove for retaining said disc brake arrangement, said movable brake-piston arrangement and said roller-bearing arrangement within said one-piece hollow brake housing,

wherein at least part of said first axial retaining ring, said roller-bearing arrangement, said disc brake arrangement, said brake-piston arrangement and said second axial retaining ring are in axial alignment with each other, and

wherein the one-piece hollow brake housing reduces the number of component parts of the spring-pressure brake.

7. (New) The spring-pressure brake according to Claim 6, the one-piece hollow brake housing including outwardly projecting flange sections at both ends thereof, said flange sections including fastener receiving openings for receiving fasteners of adjoining component parts.

8. (New) The spring-pressure brake according to Claim 6, wherein the one-piece hollow brake housing comprises a metal casting.

9. (New) The spring-pressure brake according to Claim 6, including a support ring located between said brake-piston arrangement and said second axial retaining ring.

10. (New) The spring-pressure brake according to Claim 9, wherein the one-piece hollow brake housing simplifies mounting of the spring-pressure brake to adjacent components.

11. (New) The spring-pressure brake according to Claim 9, said one-piece hollow brake housing further comprising a braking annular groove extending about the circumference of the inner chamber and said disc brake arrangement comprising a

brake ring, wherein said brake ring is located in the braking annular groove.

12. (New) The spring-pressure brake according to Claim 6, said one-piece hollow brake housing further comprising a braking annular groove extending about the circumference of the inner chamber, and said disc brake arrangement comprising a brake ring, wherein said brake ring is located in the braking annular groove, and said disc brake arrangement and said brake-piston arrangement are located between said brake ring and said second axial retaining ring.

13. (New) The spring-pressure brake according to Claim 12, wherein the one-piece hollow brake housing is monolithic.

14. (New) The spring-pressure brake according to Claim 6, wherein said one-piece hollow brake housing is monolithic.

15. (New) The spring-pressure brake according to Claim 6, said disc package comprising a first group of discs lockingly connected to and rotatable with the brake hub and a second group of discs fixed to the hollow brake housing.

16. (New) The spring-pressure brake according to Claim 6, wherein said first and second annular grooves extend about the entire circumference of the inner chamber.